

Application No.: 10/500,364

Docket No.: 22106-00064-US1

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application:

Listing of the Claims:

1. (Currently amended) A method for calibrating voltage sensors in a switchboard, said switchboard comprising a circuit breaker, a voltage transformer at busbar level, a first voltage sensor, a second voltage sensor on one of the two sides of the circuit breaker, a communication bus and a first electronic device, characterized by the following steps:

- i. performing a measurement using said first voltage sensor;
- ii. transmitting an information derived from said measurement to said first electronic device, through said communication bus; and
- iii. using said information to calibrate said second voltage sensor.

2. (Original) A method according to claim 1, characterized in that said first voltage sensor is a voltage transformer.

3. (Previously presented) A method according to Claim 1, characterized in that said second voltage sensor is a capacitive sensor.

4. (Previously presented) A method according to Claim 1, characterized in that said second voltage sensor is on the load side of said circuit breaker.

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5. (Previously presented) A method according to Claim 1, characterized in that first said electronic device is on-board said circuit breaker.

6. (Previously presented) A method according to Claim 1, characterized in that said switchboard further comprises a plurality of electronic devices and a plurality of circuit breakers.

7. (Original) A method according to claim 6, characterized in that said information derived from said measurement is transmitted from said first electronic device to any of said plurality of electronic devices.

8. (Currently amended) A method according to claim 7, characterized in that at least a part of said plurality of electronic devices is on-board of at least a part of said plurality of circuit breakers.

9. (New) A method of claim 1, wherein the two sides of the circuit breaker are incoming and outgoing.